Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A metallic glass alloy having the ratio of elements of the formula [HfaCubNicAldYe] HfaCubNicAldYe, wherein;

Y comprises at least one element from Group IVA, IVB, VA, or VB;

a is less than 45 atomic percent;

b is from about 15 to about 35 atomic percent;

c is from about 5 to about 25 atomic percent;

d is from about 0 to about 20 atomic percent; and

e is from about 0 to about 15 atomic percent, wherein a+b+c+d+e=100.

- 2. (Previously presented) The metallic glass alloy of claim 1, wherein a is 44.5 atomic percent or less.
- 3. (Previously presented) The metallic glass alloy of claim 2, wherein Y is Ti or Nb.
- 4. (Previously presented) The metallic glass alloy of claim 1, further comprising a density greater than about 7 g/cm³.
- 5. (Currently amended) The metallic glass alloy of claim 4, wherein the density is about 10.5 g/cm3 [or more].
- 6. (Currently amended) The metallic glass alloy of claim 1, wherein the alloy exhibits a distinct glass transition temperature, [which] that is at least 0.59 of the liquidus temperature of the alloy.
- 7. (Previously presented) The metallic glass alloy of claim 1, wherein the ratio of Cu to Ni is 2:1.
- 8. (Previously presented) The metallic glass alloy of claim 3, wherein the ratio of Cu to Ni is 2:1.

- 9. (Previously presented) The metallic glass alloy of claim 3, having about 5 or more atomic percent Ti.
- 10. (Previously presented) The metallic glass alloy of claim 3, having about 5 or more atomic percent Nb.
- 11. (Previously presented) The metallic glass alloy of claim 1, wherein d is about 10 or more.
- 12. (Previously presented) The metallic glass alloy of claim 1, wherein 35<a<45, 0.1<d<20, and 0.1<e<15.
- 13. (Previously presented) An article comprising the metallic glass alloy of claim 1.
- 14. (Previously presented) The article of claim 13 having a thickness of at least 1 millimeter in its smallest dimension.
- 15. (Previously presented) The article of claim 13 having a thickness at least 3 millimeters in its smallest dimension.
- 16. (Previously presented) A metallic glass alloy composition comprising:
- 44.5 atomic percent hafnium;
- about 27 atomic percent copper;
- about 13.5 atomic percent nickel;
- about 10 atomic percent aluminum; and
- about 5 atomic percent titanium or niobium.
- 17. (Previously presented) The composition of claim 16 having a density greater than 7 g/cm3.
- 18. (Previously presented) The composition of claim 16, having a density of about 10.9 g/cm3 or more.

- 19. (Previously presented) The composition of claim 16, wherein the composition exhibits a distinct glass transition temperature of at least 0.59 of the liquidus temperature of the composition.
- 20. (Previously presented) An article comprising the metallic glass alloy of claim 16.
- 21. (Previously presented) The article of claim 20 having a thickness of at least 1 millimeter in its smallest dimension.
- 22. (Previously presented) The article of claim 20 having a thickness of at least 3 millimeters in its smallest dimension.
- 23. (Previously presented) The article of claim 20, wherein the ratio of copper to nickel is 2:1.
- 24. (Previously presented) The article of claim 20, wherein the metallic glass is at least partially amorphous.
- 25. (Previously presented) The article of claim 20, wherein the article has an elastic strain to failure between about 1.8 and 2.2 percent elongation.
- 26. (Previously presented) The article of claim 20, wherein the object has a quasi-static compressive yield stress of between about 1.8 and 2.2 GPa.
- 27. (Previously presented) The article of claim 20, wherein the object has a dynamic high-strain-rate yield stress of between about 1.3 and 1.6 GPa.
- 28. (Previously presented) A metallic glass alloy comprising Hf, Cu, and Ni in eutectic combination with Al, Ti, Nb or a combination thereof, having a density greater than about 7 g/cm3.
- 29. (Previously presented) A method for forming a metallic glass alloy comprising: combining 44.5 atomic percent hafnium;

about 27 atomic percent copper; about 13.5 atomic percent nickel; about 10 atomic percent aluminum; and about 5 atomic percent titanium or niobium.

- 30. (Previously presented) The metallic glass alloy of claim 1, wherein the alloy is formed by electric arc melting.
- 31. (Previously presented) The metallic glass alloy of claim 1, wherein the alloy is formed by induction melting.
- 32. (Previously presented) The article of claim 16, wherein the article is formed by vacuum suction casting.
- 33. (Previously presented) The article of claim 16, wherein the article is formed by permanent mold casting, injection die casting, pour casting, planar flow casting, melt spinning, or extrusion.
- 34. (Currently amended) A method for making an alloy generally represented by the formula [HfaCubNieAldYe] HfaCubNieAldYe, wherein Y includes at least one element selected from Group IV or Group V transition metal elements, wherein Hf is not equal to Y, Group VA, VIII, IVB, or VB, wherein a+b+c+d+e=100% (atomic percent), and a is less than 45 [, an alloy comprising Hf, Cu, and Ni, wherein preferably 35<a<45, 15<b<35, 5<c<25, 0<d<20, and 0<e<15] in an invariant combination.
- 35. (Previously presented) An alloy according to Claim 34 invariantly combining Hf, Cu, and Ni with Al, and Ti or Nb to form a metallic glass alloy having a density greater than about 7 g/cm3.
- 36. (Currently amended) The alloy of Claim 35 wherein the alloy contains [in euteetie embination with] Al.

- 37. (Currently amended) The alloy of Claim 36 wherein the alloy contains [in eutectic combination with] Ti or Nb.
- 38. (Currently amended) The alloy of Claim 35 wherein the alloy contains [in euteetic combination with] an element from Group IVA or Group IVB.
- 39. (Currently amended) The alloy of Claim 36 wherein the alloy contains [in eutectic combination with] an element from Group IVA or Group IVB.
- 40. (Newly presented) The alloy of Claim 34 wherein preferably 35 < a < 45, 15 < b < 35, 5 < c < 25, 0 < d < 20, and 0 < e < 15.